(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 30 June 2005 (30.06.2005)

(10) International Publication Number WO 2005/058417 A1

(51) International Patent Classification⁷: A61N 1/39, 1/18

(21) International Application Number:

PCT/US2004/042377

(22) International Filing Date:

17 December 2004 (17.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/530,151 17 December 2003 (17.12.2003) US PCT/US2004/012421

> 22 April 2004 (22.04.2004) US

(71) Applicant (for all designated States except US): MEDTRONIC PHYSIO-CONTROL CORP. [US/US]; 11811 Willows Road Northeast, P.O. Box 97006, Redmond, WA 98073-9706 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PEARCE, Christopher [GB/US]; 13924 High Bridge Road, Monroe, WA 98272 (US). McGRATH, Thomas, J. [US/US]; 5733 147th Southeast, Everett, WA 98208 (US). MERRY, Randy [US/US]; 15027 225th Avenue Northeast, Woodinville, WA 98072 (US). DAYNES, John, C. [US/US]; 18139 NE 99th Way, Redmond, WA 98052 (US). PETER-SON, Ken [US/US]; 4342 Somerset Boulevard Southeast, Bellevue, WA 98006 (US). WUNG, Peter [US/US]; 4514 159th Avenue Northeast, Redmond, WA 98052 (US). McMAHON, Michael [US/US]; 4105 Northeast 205th Street, Lake Forest Park, WA 98155 (US). EDWARDS, Craig [US/US]; 5610 324th Place Southeast, Fall City, WA

98024 (US). HOIERMAN, Eric, T. [US/US]; 9917 Northeast 190th Street, Bothell, WA 98011 (US). NORDNESS, Rockland [US/US]; 535 14th Avenue West, Kirkland, WA 98033 (US). NEUMILLER, James [US/US]; 17235 Northeast 134th Place, Redmond, WA 98052-1225 (US).

- (74) Agents: PAIGE, James, J. et al.; Fredrikson & Byron, P.A., Suite 4000, 200 South Sixth Street, Minneapolis, MN 55402-1425 (US).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEFIBRILLATOR/MONITOR SYSTEM HAVING A POD WITH LEADS CAPABLE OF WIRELESSLY COMMU-NICATING

(57) Abstract: A modular external defibrillator system in embodiments of the teachings may include one or more of the following features: a base containing a defibrillator to deliver a defibrillation shock to a patient, (b) one or more pods each connectable to a patient via patient lead cables to collect at least one patient vital sign, the pods operable at a distance from the base, (c) a wireless communications link between the base and a selected one of the two or more pods to carry the at least one vital sign from the selected pod to the base, the selection being based on which pod is associated with the base.

